

DEPARTMENT OF TRANSPORTATION
ENGINEERING SERVICE CENTER
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METHOD OF TEST FOR PETROGRAPHIC EXAMINATION OF MINERAL AGGREGATES

CAUTION: Prior to handling test materials, performing equipment setups, and/or conducting this method, testers are required to read “**SAFETY AND HEALTH**” in Section C of this method. It is the responsibility of the user of this method to consult and use departmental safety and health practices and determine the applicability of regulatory limitations before any testing is performed.

A. SCOPE

A petrographic analysis of an aggregate sample is done to describe and classify the constituents, ascertain their physical and chemical properties, and determine the relative amounts of each constituent in the sample. The primary criterion of a petrographic examination is the intended use of any particular material. Specific procedures employed are dependent on what information is desired about any particular aggregate. The petrographic report allows the engineer to recognize the problems which might arise from the use of the tested aggregate.

This Test shall be conducted in accordance with ASTM Designation: C 295.

B. PROCEDURE

Use ASTM Designation: C 295.

C. SAFETY AND HEALTH

This test involves the use of certain oils and chemicals. The operator should be fully aware of any potential hazards and of safe handling and use procedures for these chemicals and oils. Prior to handling, testing or disposing of any waste materials, testers are required to read: Part A (Section 5.0), Part B (Sections: 5.0, 6.0 and 10.0) and Part C

(Section 1.0) of Caltrans' Laboratory Safety Manual.

Users of this method do so at their own risk.

REFERENCES:

ASTM DESIGNATION : C 295

End of Text ; California Test 215 contains 1 page.